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(54) CURING OF URETHANE COATING FILM

(57)Abstract:

PURPOSE: To accomplish a quick curing of an urethane coating film by coating a base material with a specific resin composition in combination with a metallic catalyst.

CONSTITUTION: An urethane resin composition containing (1) a polyisocyanate compound (e.g., trimethylene diisocyanate) or (2) an isocyanate group-terminated urethane prepolymer is coated in combination with a metallic catalyst (pref., organotin compound such as tin octanoate, dibutyltin di-laurate or distannoxane), on a base material such as wood, paper, glass, ceramic, metal, alloy, slate, flexible board perlite board, asbestos slate, or plastic, thus accomplishing the objective curing of the urethane coating film. The amount of said metallic catalyst to be used is pref. 0.01Wt% based on the solid content of the urethane resin composition.

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